

What is claimed is:

1. An electrical connector comprising:

a rectangular insulated body and a plurality of electrical pins,

wherein said insulated body is made of a liquid crystal polymer and comprises

5 a bottom wall for contacting a PCB;

a plurality of pin containers passing through said bottom wall for containing
said electrical pins; and

a plurality of protruding pillars under said bottom wall, corresponding in
position to holes on the PCB, for accurately positioning said insulated body onto the
10 PCB;

and said electrical pins are made of a phosphor bronze and each of said electrical
pins includes

a soldering section to be soldered onto the PCB using surface mount
technology.

15 2. The electrical connector as claimed in claim 1, wherein the phosphor bronze for the
electrical pins conforms to the JIS (Japanese Industrial Standards) H3270 C-5191.